

MESSIER MARATHON OBSERVATION LOG

M110

1.001

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M110**
 R.A.: **00h 40m 22s** Dec: **41° 41' 07"** Const: **And**
 Type: **GXY** Magnitude: **8.9** Size: **19.5x11.5**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

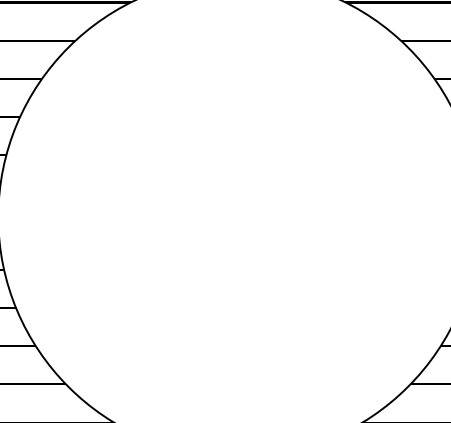
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 1 (Dusk to 8:00 PM)
 NGC205 ; Satellite Of M31
 vB, vL, mE 165deg , vgvmbM

MESSIER MARATHON OBSERVATION LOG 1.002

M32

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M32**
 R.A.: **00h 42m 42s** Dec: **40° 51' 54"** Const: **And**
 Type: **GXY** Magnitude: **9.1** Size: **8.5x6.5**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

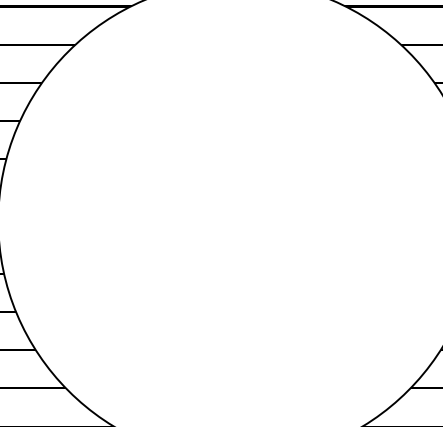
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 1 (Dusk to 8:00 PM)
 NGC221; Satellite Of M31
 ! vvB, L, R, psmbMN

MESSIER MARATHON OBSERVATION LOG 1.003

M31

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M31**
 R.A.: **00h 42m 44s** Dec: **41° 16' 08"** Const: **And**
 Type: **GXY** Magnitude: **4.3** Size: **189.1x61.7**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

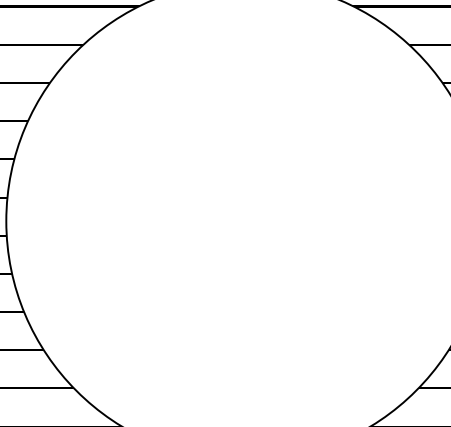
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 1 (Dusk to 8:00 PM)
 NGC224; Andromeda Galaxy
 !!! eeB, eL, vmE

MESSIER MARATHON OBSERVATION LOG 1.005

M33

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M33**
 R.A.: **01h 33m 51s** Dec: **30° 39' 37"** Const: **Tri**
 Type: **GXY** Magnitude: **6.2** Size: **68.7x41.6**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

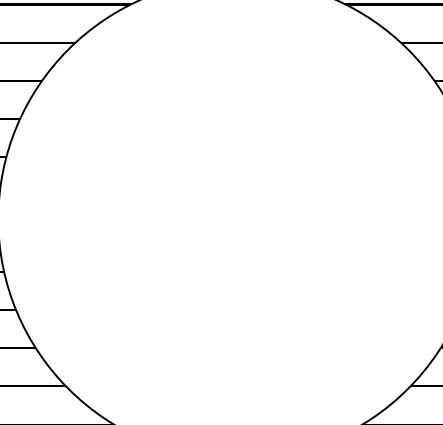
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 1 (Dusk to 8:00 PM)
 NGC598; Triangulum Galaxy
 ! eB, eL, R, vgbMN

MESSIER MARATHON OBSERVATION LOG 1.006

M74

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M74**
 R.A.: **01h 36m 42s** Dec: **15° 47' 01"** Const: **Psc**
 Type: **GXY** Magnitude: **9.8** Size: **10x9.4**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

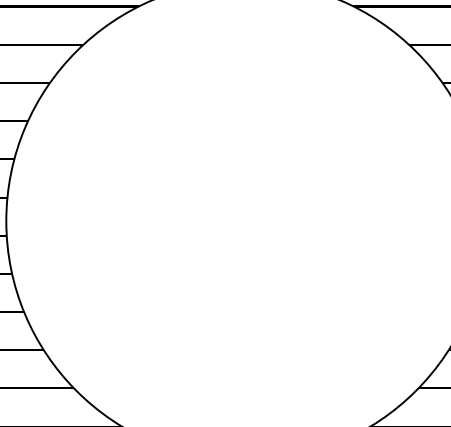
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 1 (Dusk to 8:00 PM)
 NGC628; The Phantom
 glob. cl. , F, vL, R, vg, psmbM, rr

MESSIER MARATHON OBSERVATION LOG 1.008

M34

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M34**
 R.A.: **02h 42m 05s** Dec: **42° 45' 42"** Const: **Per**
 Type: **OCL** Magnitude: **6** Size: **35**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

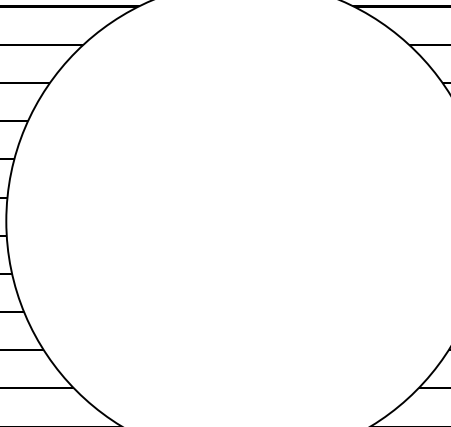
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 1 (Dusk to 8:00 PM)
 NGC1039; Spiral Cluster

MESSIER MARATHON OBSERVATION LOG

M77

1.009

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M77**
 R.A.: **02h 42m 41s** Dec: **00° 00' 48"** Const: **Cet**
 Type: **GXY** Magnitude: **9.7** Size: **7.3x6.3**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

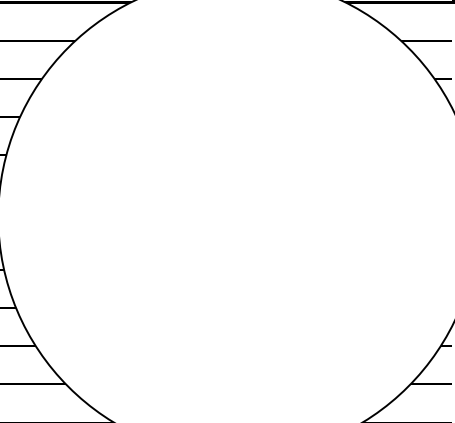
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 1 (Dusk to 8:00 PM)
 NGC1068; Cetus A

MESSIER MARATHON OBSERVATION LOG 1.010

M45

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M45**
 R.A.: **03h 47m 30s** Dec: **24° 07' 00"** Const: **Tau**
 Type: **OCL** Magnitude: **1.6** Size: **120**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

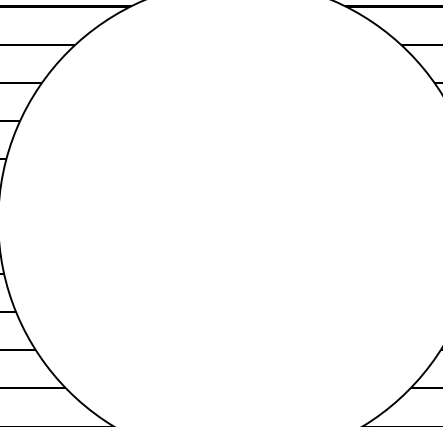
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 1 (Dusk to 8:00 PM)
 Pleiades, Seven Sisters

MESSIER MARATHON OBSERVATION LOG 1.011

M79

The Messier objects ordered for a Marathon night

Observer:

Date:

Time:

OBJECT

Name: **M79**

R.A.: **05h 24m 11s**

Dec: **-24° 31' 29"**

Const: **Lep**

Type: **GCL**

Magnitude: **8.5**

Size: **8.7**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/l

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Observation notes area with a large circular diagram on the right side.

Indicate NORTH with arrow

NOTES

Hour 1 (Dusk to 8:00 PM)

NGC1904

glob. cl. , pL, eRi, eC, rrr

MESSIER MARATHON OBSERVATION LOG 2.012

M38

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M38**
 R.A.: **05h 28m 40s** Dec: **35° 50' 54"** Const: **Aur**
 Type: **OCL** Magnitude: **7** Size: **21**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

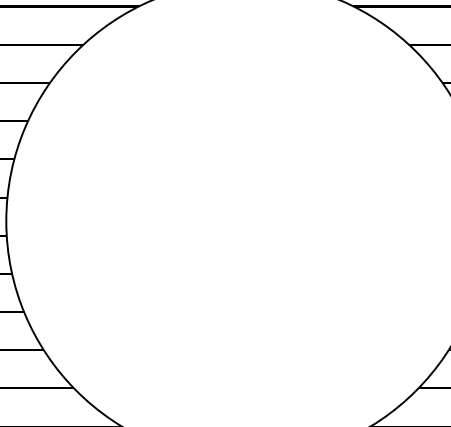
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 2 (8:00 to 9:00 PM)
 NGC1912; Starfish Cluster
 Cl, B, vL, vRi, iF, st L & S

MESSIER MARATHON OBSERVATION LOG 2.015

M43

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M43**
 R.A.: **05h 35m 31s** Dec: **-05° 16' 03"** Const: **Ori**
 Type: **DNE** Magnitude: **9** Size: **20**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

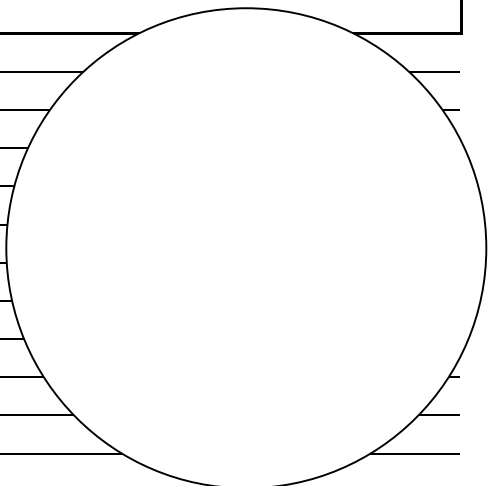
TELESCOPE

OTA: _____ FL: _____ f/ _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS



Indicate NORTH with arrow

NOTES

Hour 2 (8:00 to 9:00 PM)
 NGC1982; De Mairan's Nebula
 ! vB, vL, R with tail, mbM *8-9

MESSIER MARATHON OBSERVATION LOG 2.016

M36

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M36**
 R.A.: **05h 36m 18s** Dec: **34° 08' 24"** Const: **Aur**
 Type: **OCL** Magnitude: **6.5** Size: **12**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

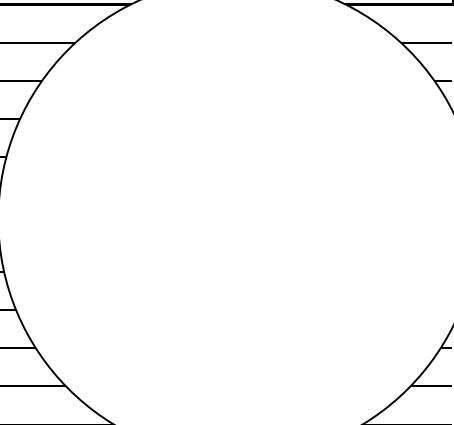
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 2 (8:00 to 9:00 PM)
 NGC1960; Pinwheel Cluster
 Cl, B, vL, vRi, IC, st 9...11 sc

MESSIER MARATHON OBSERVATION LOG 2.017

M78

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M78**
 R.A.: **05h 46m 45s** Dec: **00° 04' 48"** Const: **Ori**
 Type: **DNE** Magnitude: **8** Size: **8**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

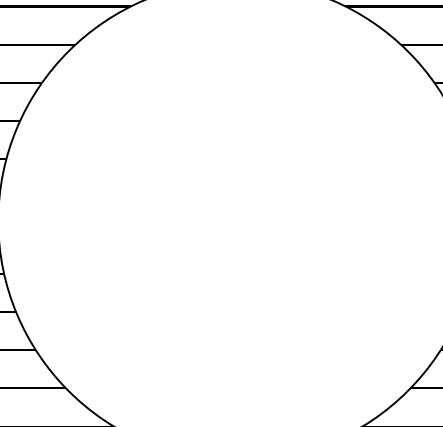
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 2 (8:00 to 9:00 PM)
 NGC2068

**MESSIER MARATHON
OBSERVATION LOG
2.018**

M37

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M37**
 R.A.: **05h 52m 18s** Dec: **32° 33' 12"** Const: **Aur**
 Type: **OCL** Magnitude: **6** Size: **24**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

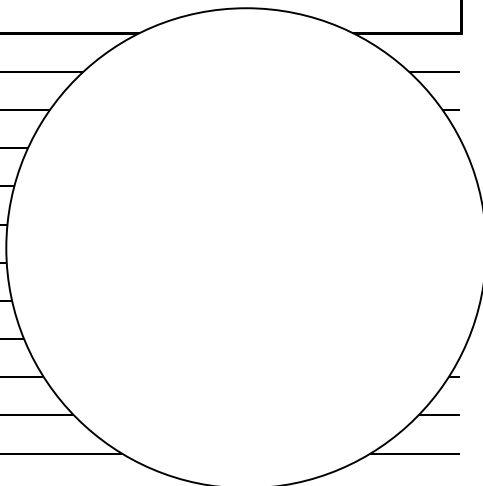
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS



Indicate NORTH with arrow

NOTES

Hour 2 (8:00 to 9:00 PM)
 NGC2099; Salt-and-pepper Cluster

MESSIER MARATHON OBSERVATION LOG 2.019

M35

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M35**
 R.A.: **06h 09m 00s** Dec: **24° 21' 00"** Const: **Gem**
 Type: **OCL** Magnitude: **5.5** Size: **28**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

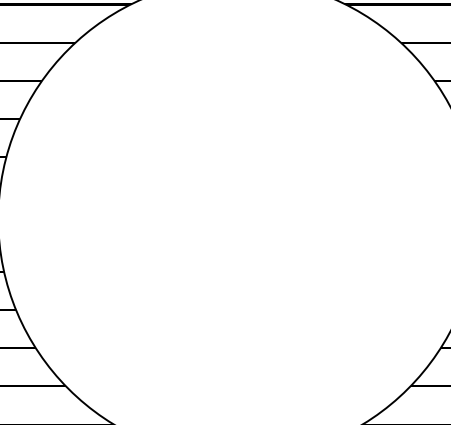
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 2 (8:00 to 9:00 PM)
 NGC2168

MESSIER MARATHON OBSERVATION LOG 2.021

M50

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M50**
 R.A.: **07h 02m 42s** Dec: **-08° 22' 60"** Const: **Mon**
 Type: **OCL** Magnitude: **7** Size: **16**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

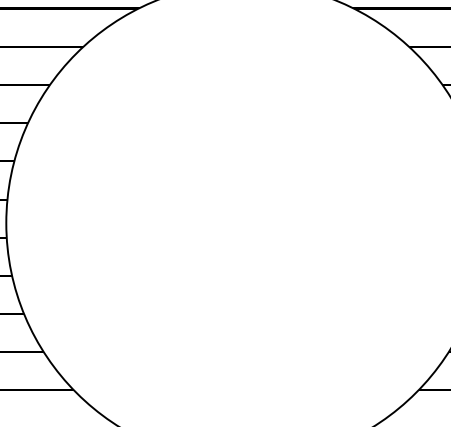
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 2 (8:00 to 9:00 PM)
 NGC2323; Heart-shaped Cluster

MESSIER MARATHON OBSERVATION LOG

M46

3.023

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M46**
 R.A.: **07h 41m 46s** Dec: **-14° 48' 36"** Const: **Pup**
 Type: **OCL** Magnitude: **6.5** Size: **27**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

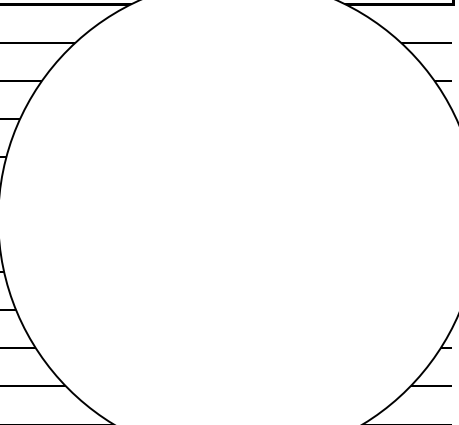
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 3 (9:00 to 10:00 PM)
 NGC2437

MESSIER MARATHON OBSERVATION LOG 3.024

M93

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M93**
 R.A.: **07h 44m 30s** Dec: **-23° 51' 24"** Const: **Pup**
 Type: **OCL** Magnitude: **6.5** Size: **22**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

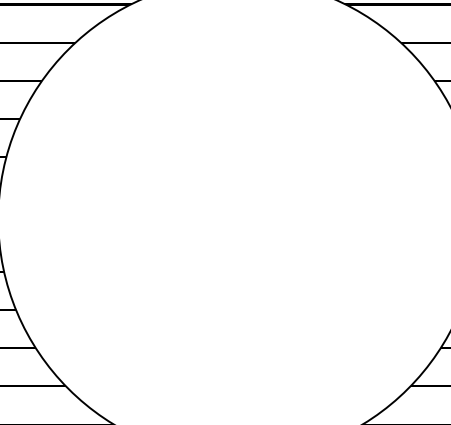
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 3 (9:00 to 10:00 PM)
 NGC2447

MESSIER MARATHON OBSERVATION LOG 3.025

M48

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M48**
 R.A.: **08h 13m 43s** Dec: **-05° 45' 00"** Const: **Hya**
 Type: **OCL** Magnitude: **5.5** Size: **54**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

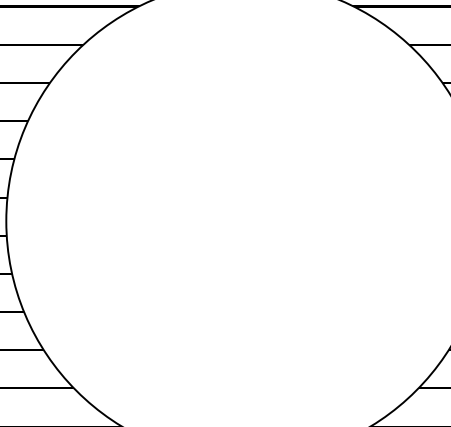
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 3 (9:00 to 10:00 PM)
 NGC2548

MESSIER MARATHON OBSERVATION LOG 3.026

M44

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M44**
 R.A.: **08h 40m 24s** Dec: **19° 39' 60"** Const: **Cnc**
 Type: **OCL** Magnitude: **4** Size: **95**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

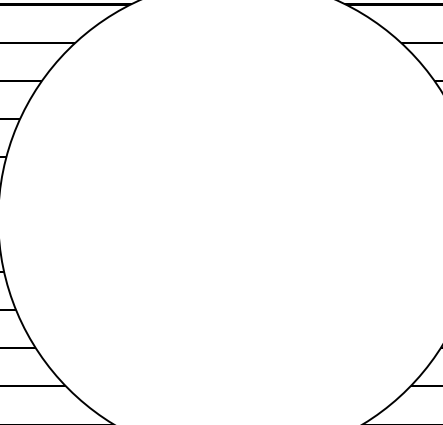
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 3 (9:00 to 10:00 PM)
 NGC2632; Beehive Cluster

MESSIER MARATHON OBSERVATION LOG 3.027

M67

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M67**
 R.A.: **08h 51m 18s** Dec: **11° 48' 00"** Const: **Cnc**
 Type: **OCL** Magnitude: **7.5** Size: **30**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

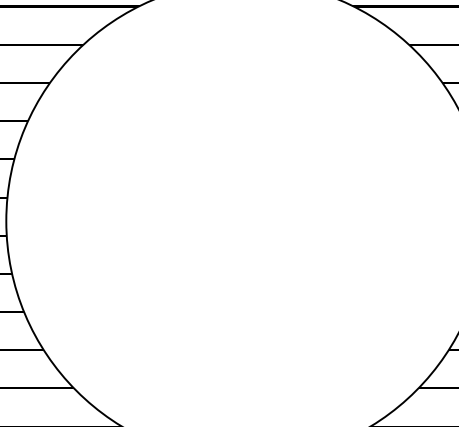
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 3 (9:00 to 10:00 PM)
 NGC2682; King Cobra

MESSIER MARATHON OBSERVATION LOG

M81

3.028

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M81**
 R.A.: **09h 55m 33s** Dec: **69° 03' 56"** Const: **UMa**
 Type: **GXY** Magnitude: **7.8** Size: **24.9x11.5**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

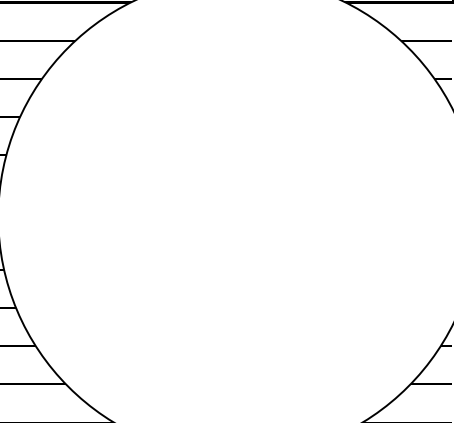
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 3 (9:00 to 10:00 PM)
 NGC3031; Bode's Galaxy

MESSIER MARATHON OBSERVATION LOG 3.030

M95

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M95**
 R.A.: **10h 43m 58s** Dec: **11° 42' 13"** Const: **Leo**
 Type: **GXY** Magnitude: **10.6** Size: **7.3x4.4**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

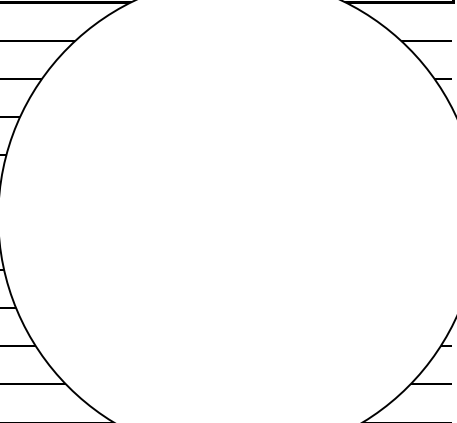
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 3 (9:00 to 10:00 PM)
 NGC3351, UGC5850

MESSIER MARATHON OBSERVATION LOG

M96

3.031

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M96**
 R.A.: **10h 46m 46s** Dec: **11° 49' 12"** Const: **Leo**
 Type: **GXY** Magnitude: **10.1** Size: **7.8x5.2**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

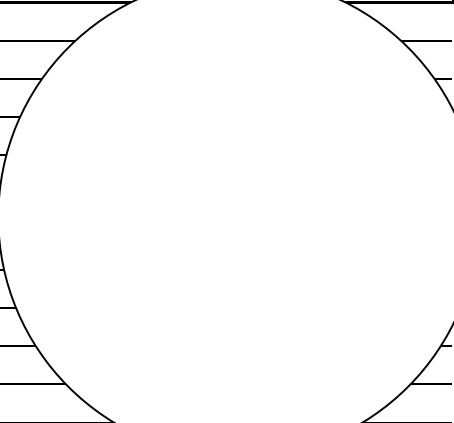
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 3 (9:00 to 10:00 PM)
 NGC3368, UGC5882

MESSIER MARATHON OBSERVATION LOG 4.034

M97

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M97**
 R.A.: **11h 14m 48s** Dec: **55° 01' 08"** Const: **UMa**
 Type: **PNE** Magnitude: **12** Size: **3.2**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

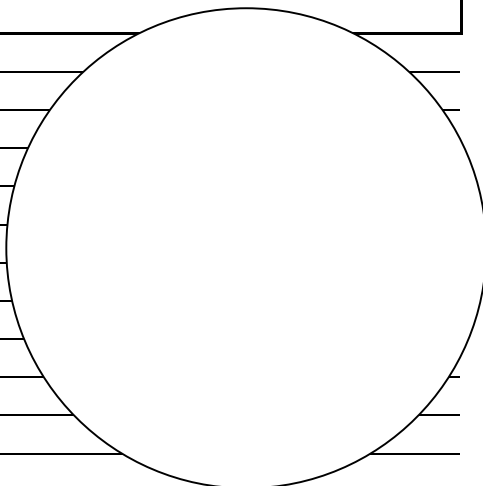
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS



Indicate NORTH with arrow

NOTES

Hour 4 (10:00 to 11:00 PM)
 NGC3587; Owl Nebula

MESSIER MARATHON OBSERVATION LOG

M65

4.035

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M65**
 R.A.: **11h 18m 56s** Dec: **13° 05' 31"** Const: **Leo**
 Type: **GXY** Magnitude: **10.1** Size: **9x2.3**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

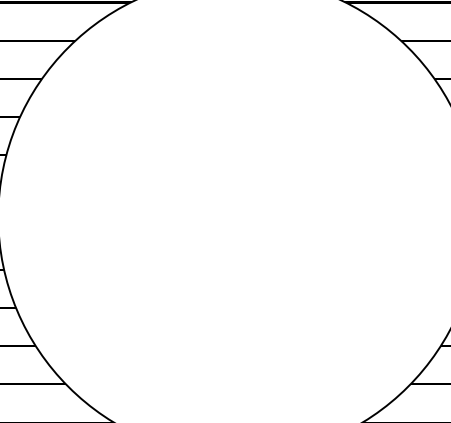
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 4 (10:00 to 11:00 PM)
 NGC3623; Leo Triplet

MESSIER MARATHON OBSERVATION LOG 4.036

M66

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M66**
 R.A.: **11h 20m 15s** Dec: **12° 59' 26"** Const: **Leo**
 Type: **GXY** Magnitude: **9.7** Size: **9.1x4.1**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

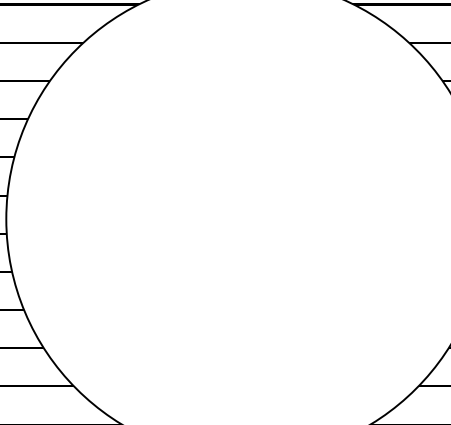
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 4 (10:00 to 11:00 PM)
 NGC3627; Leo Triplet

MESSIER MARATHON
OBSERVATION LOG
4.037

M109

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M109**
 R.A.: **11h 57m 36s** Dec: **53° 22' 29"** Const: **UMa**
 Type: **GXY** Magnitude: **10.6** Size: **7.5x4.4**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

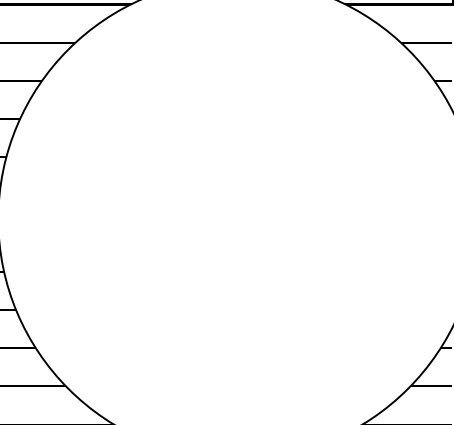
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 4 (10:00 to 11:00 PM)
 NGC3992, UGC6937

MESSIER MARATHON OBSERVATION LOG 4.038

M98

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M98**
 R.A.: **12h 13m 48s** Dec: **14° 54' 01"** Const: **Com**
 Type: **GXY** Magnitude: **10.9** Size: **9.4x2.3**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

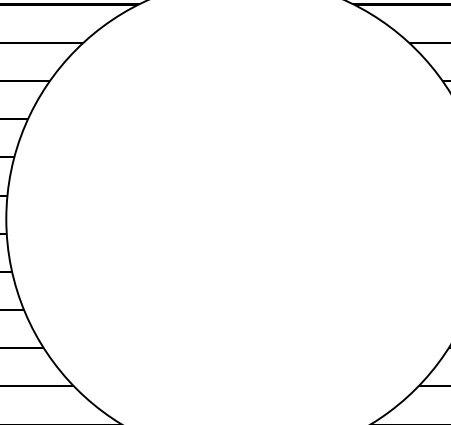
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 4 (10:00 to 11:00 PM)
 NGC4192, UGC7231

MESSIER MARATHON OBSERVATION LOG 4.039

M99

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M99**
 R.A.: **12h 18m 50s** Dec: **14° 25' 01"** Const: **Com**
 Type: **GXY** Magnitude: **10.4** Size: **5.3x4.6**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

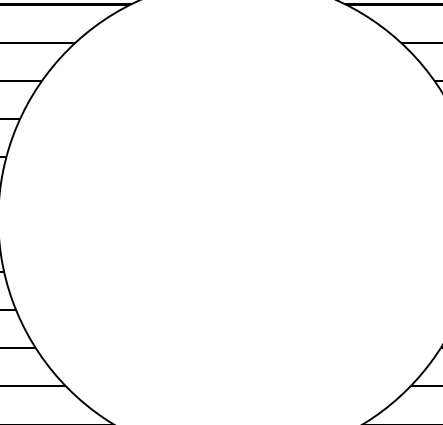
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 4 (10:00 to 11:00 PM)
 NGC4254; Virgo Cluster

MESSIER MARATHON
OBSERVATION LOG
4.040

M106

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M106**
 R.A.: **12h 18m 58s** Dec: **47° 18' 16"** Const: **CVn**
 Type: **GXY** Magnitude: **9.1** Size: **17.4x6.6**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

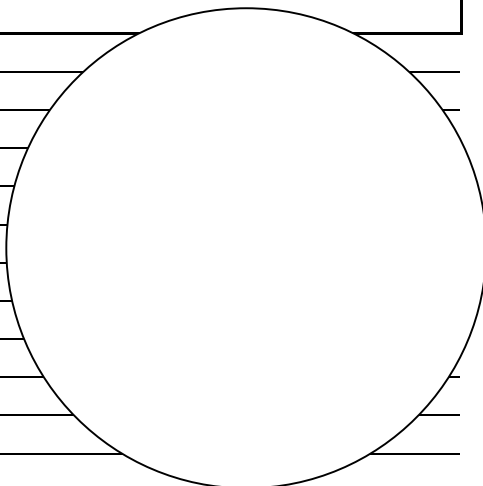
TELESCOPE

OTA: _____ FL: _____ f/ _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS



Indicate NORTH with arrow

NOTES

Hour 4 (10:00 to 11:00 PM)
 NGC4258, UGC7353

MESSIER MARATHON OBSERVATION LOG 4.042

M40

The Messier objects ordered for a Marathon night

Observer:

Date:

Time:

OBJECT

Name: **M40**

R.A.: **12h 22m 12s**

Dec: **58° 04' 60"**

Const: **UMa**

Type: **DST + AST**

Magnitude: **8.7**

Size: **1**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/*l*

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

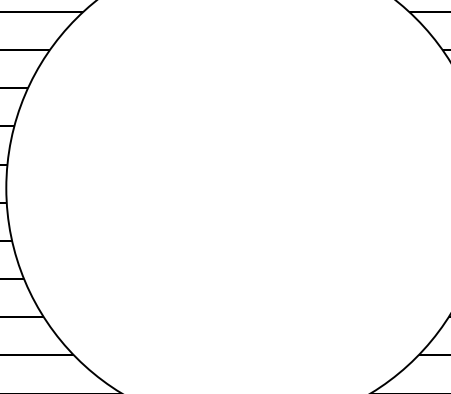
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 4 (10:00 to 11:00 PM)

Winnecke 4

MESSIER MARATHON OBSERVATION LOG 4.043

M100

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M100**
 R.A.: **12h 22m 55s** Dec: **15° 49' 21"** Const: **Com**
 Type: **GXY** Magnitude: **10.1** Size: **7.5x6.1**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

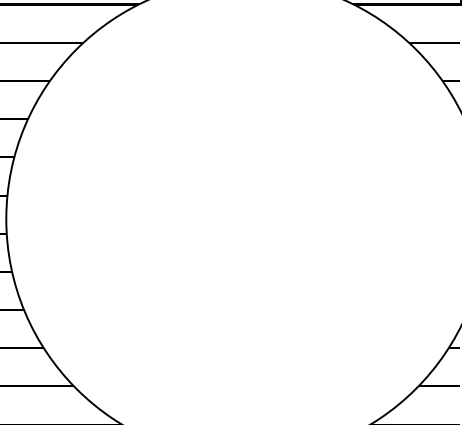
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 4 (10:00 to 11:00 PM)
 NGC4321; Mirror of M99

MESSIER MARATHON
OBSERVATION LOG
5.046

M86

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M86**
 R.A.: **12h 26m 12s** Dec: **12° 56' 46"** Const: **Vir**
 Type: **GXY** Magnitude: **9.9** Size: **9.8x6.3**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

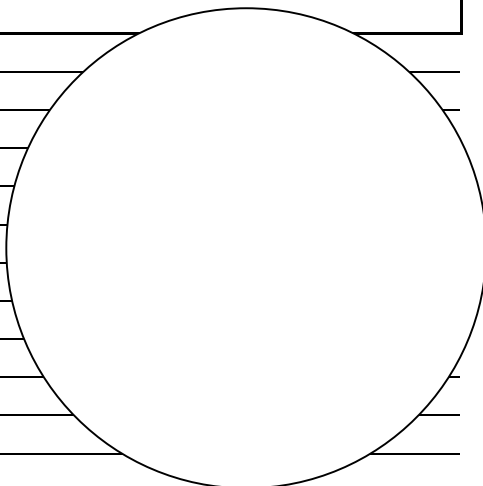
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS



Indicate NORTH with arrow

NOTES

Hour 5 (11:00 PM to 12:00 AM)
 NGC4406, UGC7532

MESSIER MARATHON OBSERVATION LOG 5.047

M49

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M49**
 R.A.: **12h 29m 47s** Dec: **08° 00' 01"** Const: **Vir**
 Type: **GXY** Magnitude: **9.3** Size: **9.8x8.2**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

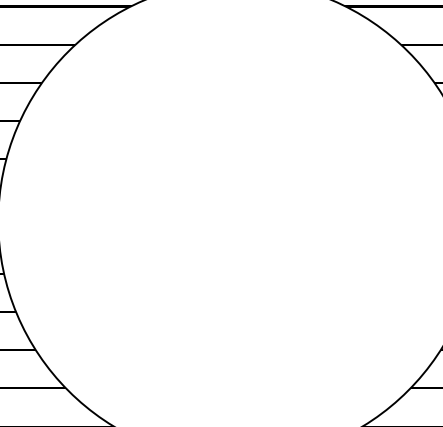
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 5 (11:00 PM to 12:00 AM)
 NGC4472, UGC7629

MESSIER MARATHON OBSERVATION LOG 5.048

M87

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M87**
 R.A.: **12h 30m 49s** Dec: **12° 23' 27"** Const: **Vir**
 Type: **GXY** Magnitude: **9.6** Size: **8.7x6.6**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

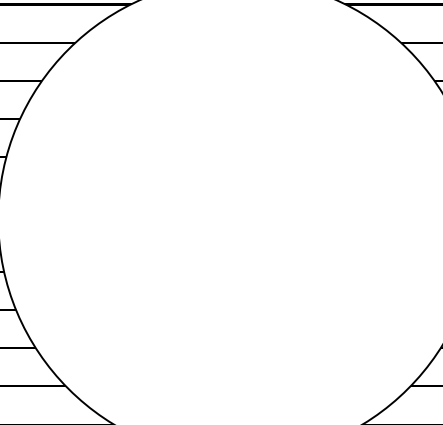
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 5 (11:00 PM to 12:00 AM)
 NGC4486; Smoking Gun

MESSIER MARATHON OBSERVATION LOG

5.049

M88

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M88**
 R.A.: **12h 31m 59s** Dec: **14° 25' 12"** Const: **Com**
 Type: **GXY** Magnitude: **10.2** Size: **6.8x3.7**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

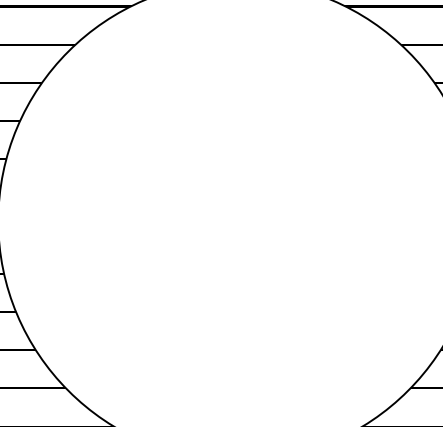
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 5 (11:00 PM to 12:00 AM)
 NGC4501, UGC7675

MESSIER MARATHON OBSERVATION LOG

M91

5.050

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M91**
 R.A.: **12h 35m 27s** Dec: **14° 29' 47"** Const: **Com**
 Type: **GXY** Magnitude: **10.9** Size: **5.2x4.2**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

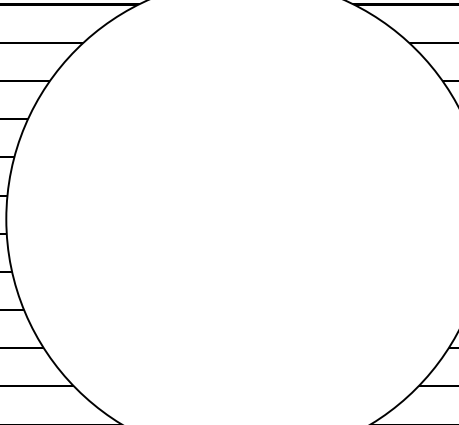
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 5 (11:00 PM to 12:00 AM)
 NGC4548; Missing Messier Object

MESSIER MARATHON OBSERVATION LOG

5.051

M89

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M89**
 R.A.: **12h 35m 40s** Dec: **12° 33' 23"** Const: **Vir**
 Type: **GXY** Magnitude: **10.9** Size: **5.3x4.8**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

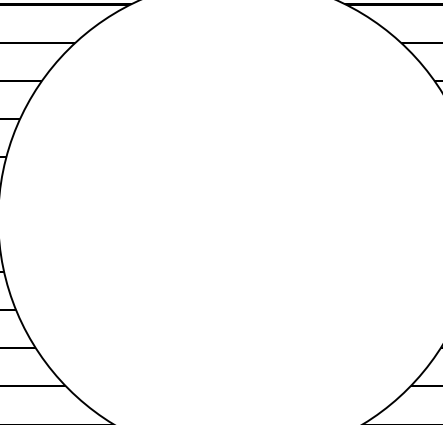
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 5 (11:00 PM to 12:00 AM)
 NGC4552, UGC7760

MESSIER MARATHON OBSERVATION LOG 5.052

M90

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M90**
 R.A.: **12h 36m 50s** Dec: **13° 09' 48"** Const: **Vir**
 Type: **GXY** Magnitude: **10.2** Size: **9.9x4.4**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

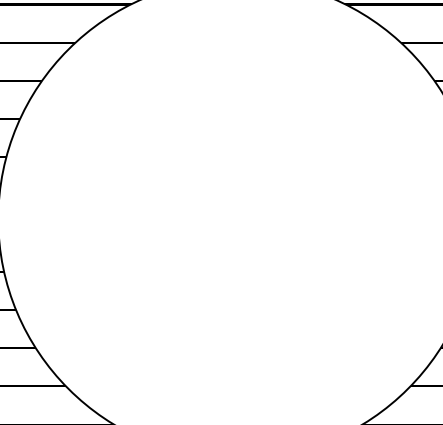
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 5 (11:00 PM to 12:00 AM)
 NGC4569, UGC7786

MESSIER MARATHON OBSERVATION LOG

5.053

M58

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M58**
 R.A.: **12h 37m 44s** Dec: **11° 49' 06"** Const: **Vir**
 Type: **GXY** Magnitude: **10.4** Size: **6x4.8**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

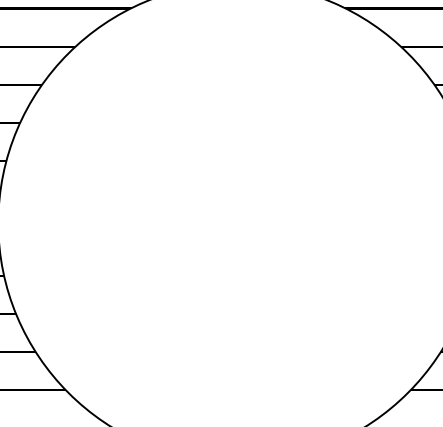
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 5 (11:00 PM to 12:00 AM)
 NGC4579, UGC7796

MESSIER MARATHON OBSERVATION LOG

M68

5.054

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M68**
 R.A.: **12h 39m 28s** Dec: **-26° 44' 32"** Const: **Hya**
 Type: **GCL** Magnitude: **9** Size: **12**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

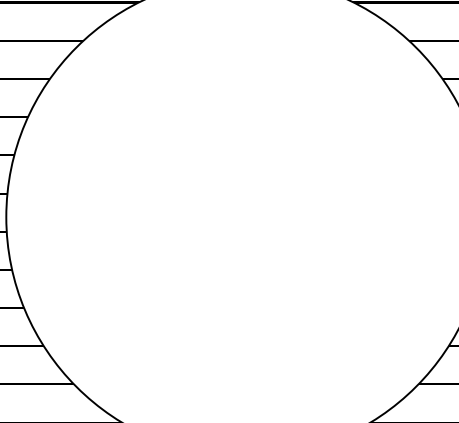
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 5 (11:00 PM to 12:00 AM)
 NGC4590

MESSIER MARATHON
OBSERVATION LOG
**MARATHON
BREAK**

BREAK

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **BREAK**
 R.A.: _____ Dec: _____ Const: _____
 Type: _____ Magnitude: _____ Size: _____

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

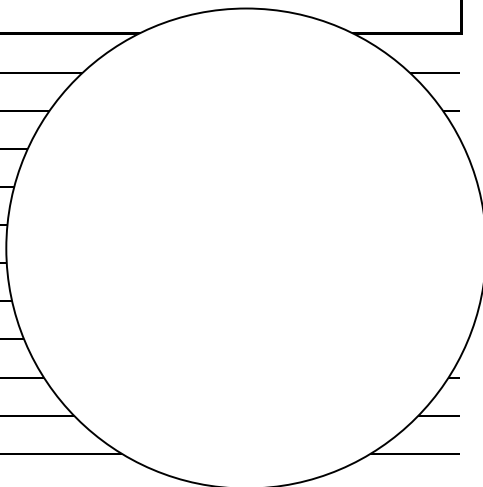
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS



Indicate NORTH with arrow

NOTES

Take a 1-hour break, have a meal, collect your logs, check batteries and get ready for another 5 hours of exciting observing!

MESSIER MARATHON OBSERVATION LOG 6.055

M104

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M104**
 R.A.: **12h 39m 59s** Dec: **-11° 37' 23"** Const: **Vir**
 Type: **GXY** Magnitude: **9.2** Size: **8.6x4.2**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

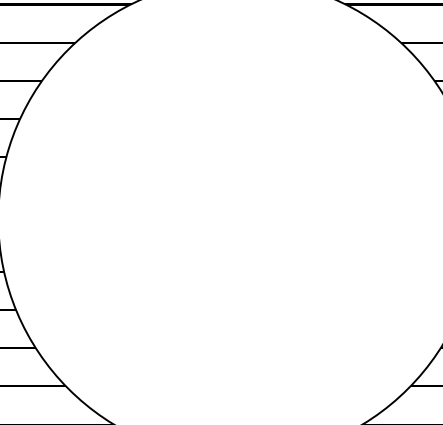
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 6 (1:00 to 2:00 AM)
 NGC4594; Sombrero Galaxy

MESSIER MARATHON OBSERVATION LOG 6.056

M59

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M59**
 R.A.: **12h 42m 02s** Dec: **11° 38' 48"** Const: **Vir**
 Type: **GXY** Magnitude: **10.7** Size: **5.3x4**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

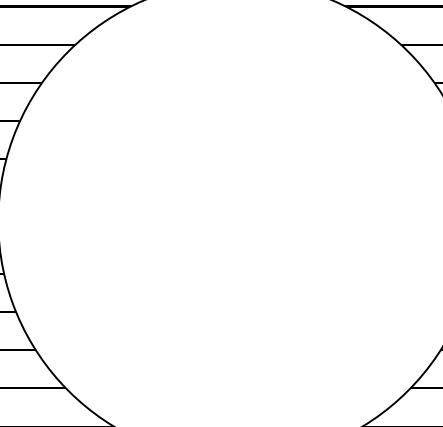
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 6 (1:00 to 2:00 AM)
 NGC4621, UGC7858

MESSIER MARATHON OBSERVATION LOG

6.058

M94

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M94**
 R.A.: **12h 50m 53s** Dec: **41° 07' 12"** Const: **CVn**
 Type: **GXY** Magnitude: **8.9** Size: **12.3x10.8**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

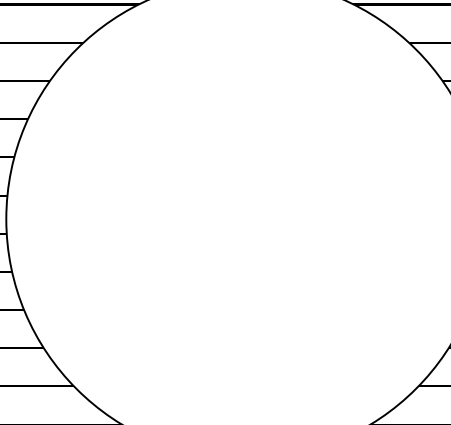
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 6 (1:00 to 2:00 AM)
 NGC4736; Croc's Eye Galaxy

MESSIER MARATHON OBSERVATION LOG

M64

6.059

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M64**
 R.A.: **12h 56m 44s** Dec: **21° 40' 58"** Const: **Com**
 Type: **GXY** Magnitude: **9.3** Size: **10.3x5**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

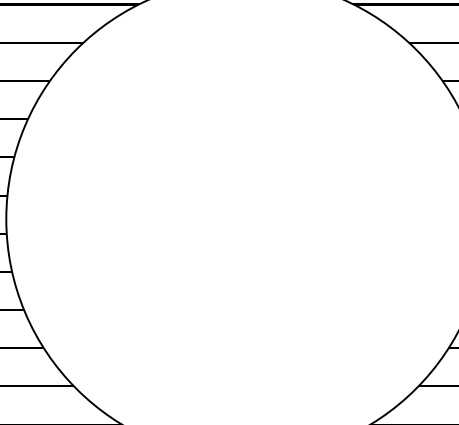
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 6 (1:00 to 2:00 AM)
 NGC4826; Black Eye Galaxy

MESSIER MARATHON OBSERVATION LOG

6.060

M53

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M53**
 R.A.: **13h 12m 55s** Dec: **18° 10' 07"** Const: **Com**
 Type: **GCL** Magnitude: **8.5** Size: **12.6**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

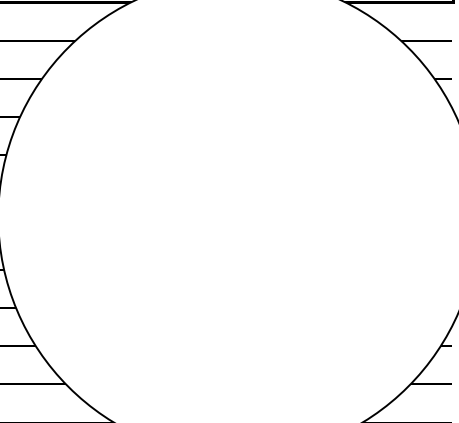
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 6 (1:00 to 2:00 AM)
 NGC5024

MESSIER MARATHON OBSERVATION LOG 6.061

M63

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M63**
 R.A.: **13h 15m 49s** Dec: **42° 01' 46"** Const: **CVn**
 Type: **GXY** Magnitude: **9.3** Size: **12.6x7.5**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

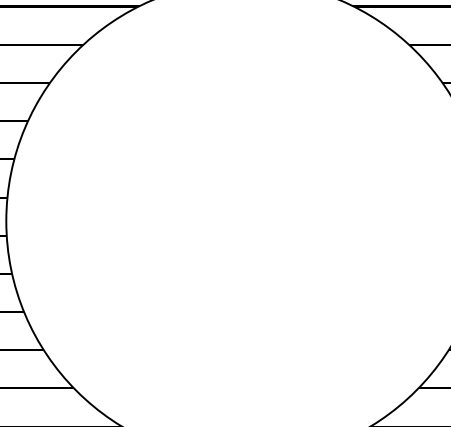
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 6 (1:00 to 2:00 AM)
 NGC5055; Sunflower Galaxy

MESSIER MARATHON OBSERVATION LOG 6.062

M51

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M51**
 R.A.: **13h 29m 52s** Dec: **47° 11' 45"** Const: **CVn**
 Type: **GXY** Magnitude: **8.9** Size: **10.8x6.6**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

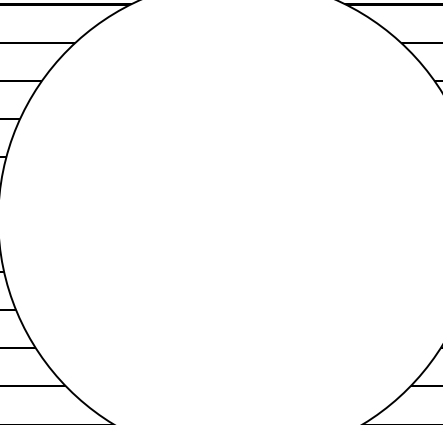
TELESCOPE

OTA: _____ FL: _____ *f*/*l*: _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 6 (1:00 to 2:00 AM)
 NGC5194; Whirlpool Galaxy

MESSIER MARATHON OBSERVATION LOG

6.063

M83

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M83**
 R.A.: **13h 37m 00s** Dec: **-29° 51' 51"** Const: **Hya**
 Type: **GXY** Magnitude: **8** Size: **13.1x12.2**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

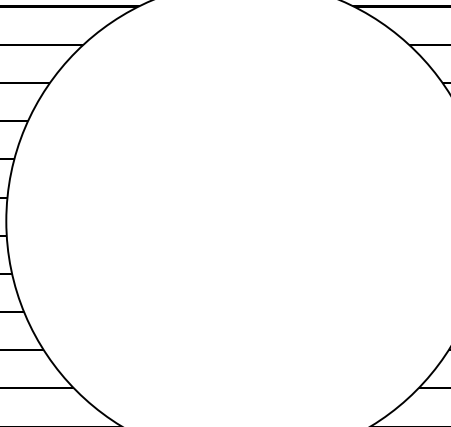
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 6 (1:00 to 2:00 AM)
 NGC5236; Southern Pinwheel

MESSIER MARATHON OBSERVATION LOG

M3

6.064

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M3**
 R.A.: **13h 42m 11s** Dec: **28° 22' 35"** Const: **CVn**
 Type: **GCL** Magnitude: **7** Size: **16.2**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

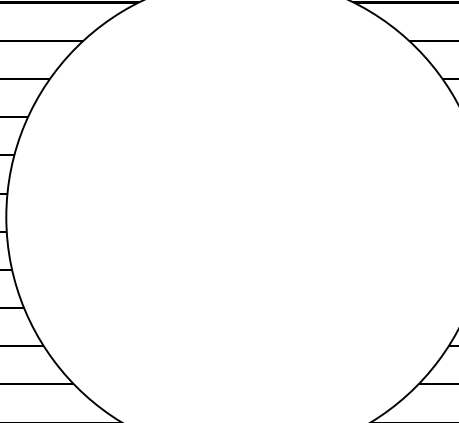
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 6 (1:00 to 2:00 AM)
 NGC5272

MESSIER MARATHON
OBSERVATION LOG
6.065

M101

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M101**
R.A.: **14h 03m 13s** Dec: **54° 20' 56"** Const: **UMa**
Type: **GXY** Magnitude: **8.2** Size: **28.5x28.3**

OBSERVING SITE

Location: _____
Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
Seeing: _____ Wind Dir: _____ Humidity: _____

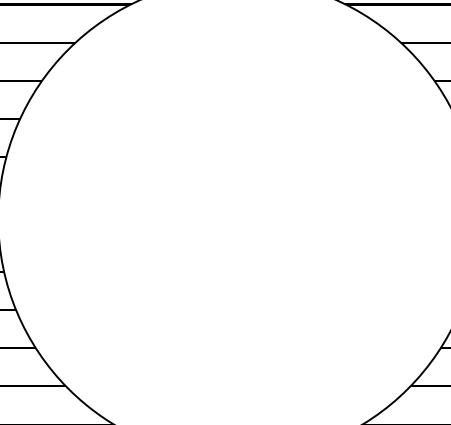
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
Camera: _____ Type: _____ ASA: _____ Guider: _____
Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 6 (1:00 to 2:00 AM)
NGC5457; Pinwheel Galaxy

MESSIER MARATHON
OBSERVATION LOG
7.066

M102

The Messier objects ordered for a Marathon night

Observer:

Date:

Time:

OBJECT

Name: **M102**

R.A.: **15h 06m 30s**

Dec: **55° 45' 47"**

Const: **Dra**

Type: **GXY**

Magnitude: **10.8**

Size: **6.5x3.1**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

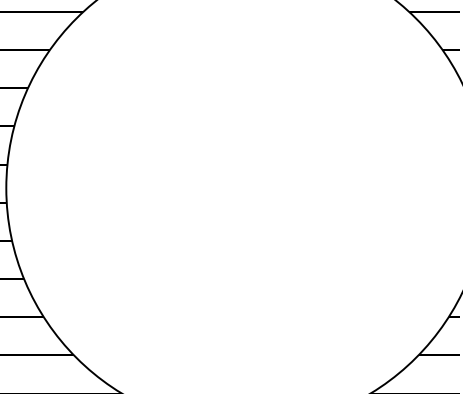
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 7 (2:00 to 3:00 AM)
NGC5866; Spindle Galaxy

MESSIER MARATHON OBSERVATION LOG 7.067

M5

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M5**
 R.A.: **15h 18m 33s** Dec: **02° 04' 57"** Const: **Ser**
 Type: **GCL** Magnitude: **7** Size: **17.4**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

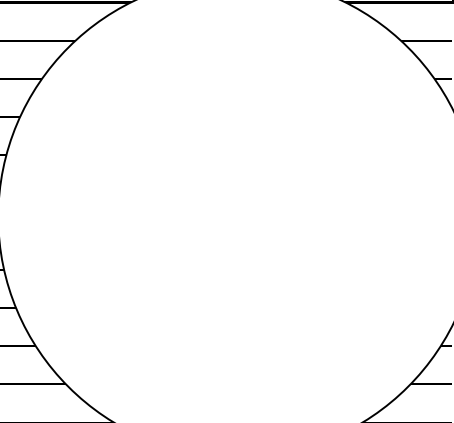
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 7 (2:00 to 3:00 AM)
 NGC5904

MESSIER MARATHON OBSERVATION LOG 7.068

M80

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M80**
 R.A.: **16h 17m 03s** Dec: **-22° 58' 32"** Const: **Sco**
 Type: **GCL** Magnitude: **8.5** Size: **8.9**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

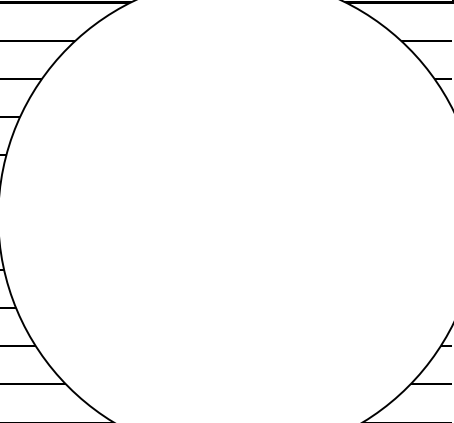
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 7 (2:00 to 3:00 AM)
 NGC6093

MESSIER MARATHON OBSERVATION LOG 7.069

M4

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M4**
 R.A.: **16h 23m 35s** Dec: **-26° 31' 35"** Const: **Sco**
 Type: **GCL** Magnitude: **7.5** Size: **26.3**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

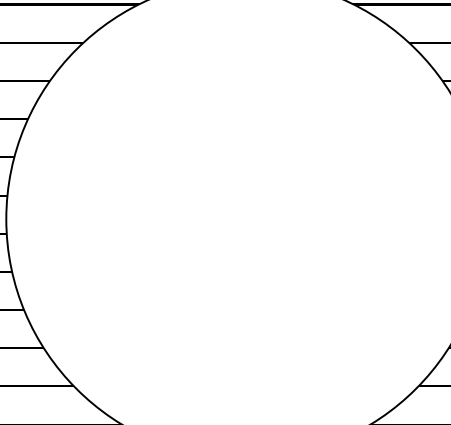
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 7 (2:00 to 3:00 AM)
 NGC6121; Cat's Eye

MESSIER MARATHON OBSERVATION LOG 7.071

M13

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M13**
 R.A.: **16h 41m 41s** Dec: **36° 27' 35"** Const: **Her**
 Type: **GCL** Magnitude: **7** Size: **16.6**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

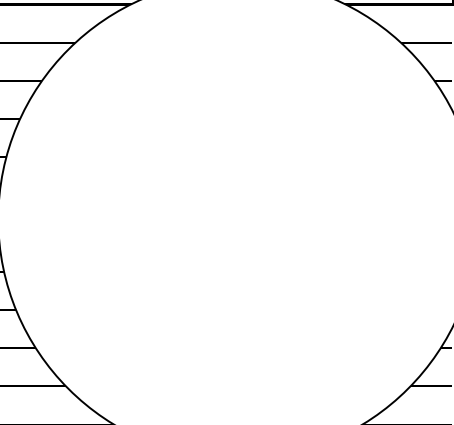
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 7 (2:00 to 3:00 AM)
 NGC6205; Hercules Cluster

MESSIER MARATHON OBSERVATION LOG 7.073

M10

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M10**
 R.A.: **16h 57m 09s** Dec: **-04° 05' 56"** Const: **Oph**
 Type: **GCL** Magnitude: **7.5** Size: **15.1**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

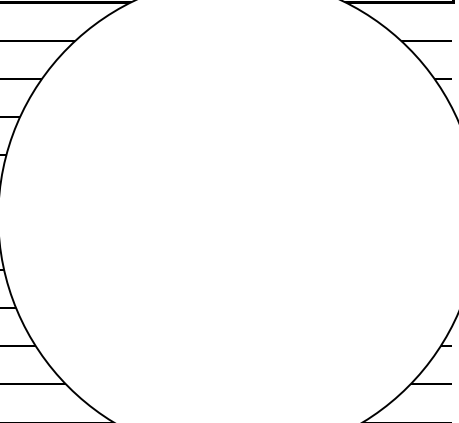
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 7 (2:00 to 3:00 AM)
 NGC6254

MESSIER MARATHON OBSERVATION LOG 7.074

M62

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M62**
 R.A.: **17h 01m 13s** Dec: **-30° 06' 45"** Const: **Oph**
 Type: **GCL** Magnitude: **8** Size: **14.1**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

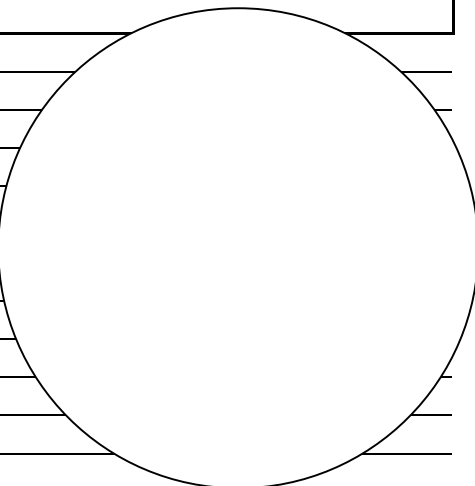
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS



Indicate NORTH with arrow

NOTES

Hour 7 (2:00 to 3:00 AM)
 NGC6266; Flickering Globular

MESSIER MARATHON

OBSERVATION LOG

7.075

M19

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M19**
 R.A.: **17h 02m 38s** Dec: **-26° 16' 04"** Const: **Oph**
 Type: **GCL** Magnitude: **8.5** Size: **13.5**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

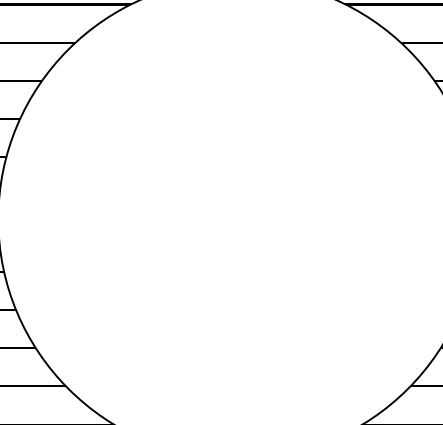
TELESCOPE

OTA: _____ FL: _____ f/ _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 7 (2:00 to 3:00 AM)
 NGC6273

MESSIER MARATHON OBSERVATION LOG 7.076

M92

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M92**
 R.A.: **17h 17m 07s** Dec: **43° 08' 11"** Const: **Her**
 Type: **GCL** Magnitude: **7.5** Size: **11.2**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

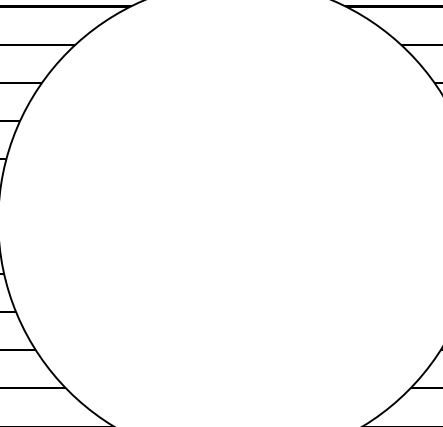
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 7 (2:00 to 3:00 AM)
 NGC6341

MESSIER MARATHON OBSERVATION LOG 8.078

M14

The Messier objects ordered for a Marathon night

Observer:

Date:

Time:

OBJECT

Name: **M14**

R.A.: **17h 37m 36s**

Type: **GCL**

Dec: **-03° 14' 43"**

Magnitude: **9.5**

Const: **Oph**

Size: **11.7**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Seeing:

Wind Speed:

Wind Dir:

Temperature:

Humidity:

TELESCOPE

OTA:

Slew Control:

FL:

f/l

Navigation Aid:

Type:

Mount:

IMAGER

Eyepiece:

Camera:

Exp time:

Type:

Exp count:

FOV:

Dark frame:

Type:

ASA:

Bias frame:

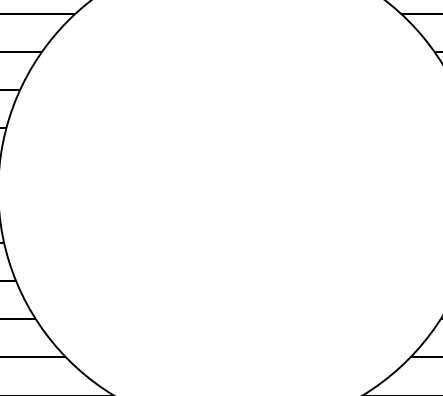
Barlow:

Guider:

Software:

Net Mag:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 8 (3:00 to 4:00 AM)

NGC6402

MESSIER MARATHON OBSERVATION LOG 8.079

M6

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M6**
 R.A.: **17h 40m 20s** Dec: **-32° 15' 12"** Const: **Sco**
 Type: **OCL** Magnitude: **4.5** Size: **15**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

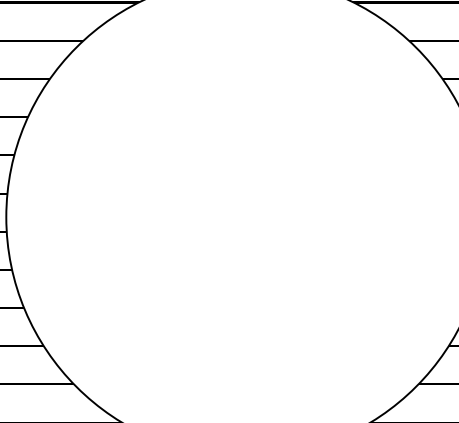
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 8 (3:00 to 4:00 AM)
 NGC6405; Butterfly Cluster

MESSIER MARATHON OBSERVATION LOG

M7

8.080

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M7**
 R.A.: **17h 53m 51s** Dec: **-34° 47' 36"** Const: **Sco**
 Type: **OCL** Magnitude: **3.5** Size: **80**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

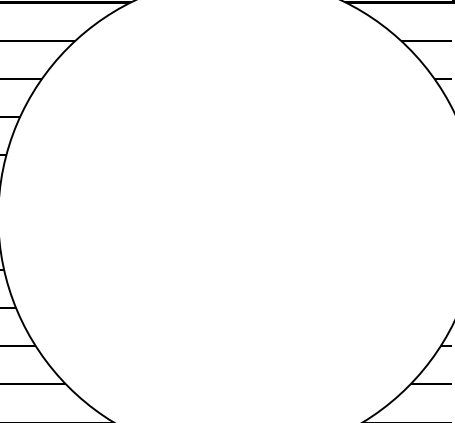
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 8 (3:00 to 4:00 AM)
 NGC6475; Scorpion's Tail

MESSIER MARATHON OBSERVATION LOG 8.081

M23

The Messier objects ordered for a Marathon night

Observer:

Date:

Time:

OBJECT

Name: **M23**

R.A.: **17h 57m 04s**

Dec: **-18° 59' 06"**

Const: **Sgr**

Type: **OCL**

Magnitude: **6**

Size: **27**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

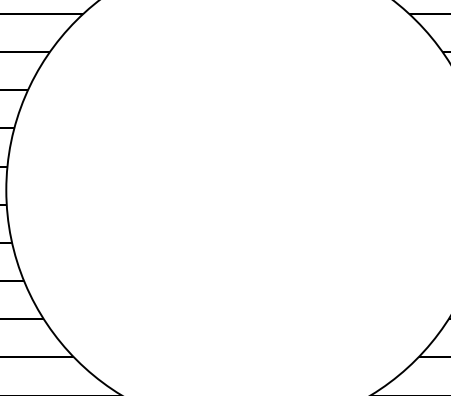
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 8 (3:00 to 4:00 AM)

NGC6494

MESSIER MARATHON OBSERVATION LOG

8.083

M8

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M8**
 R.A.: **18h 03m 41s** Dec: **-24° 22' 48"** Const: **Sgr**
 Type: **OCL + DNE** Magnitude: **5** Size: **90**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

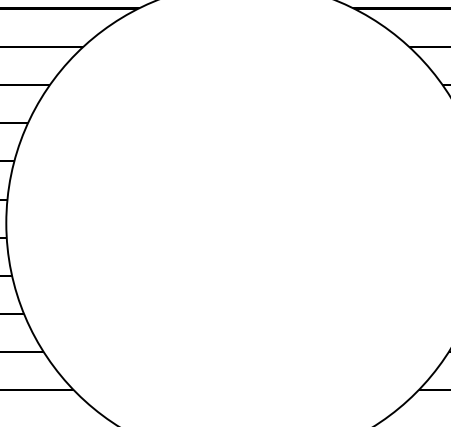
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 8 (3:00 to 4:00 AM)
 NGC6523; Lagoon Nebula

MESSIER MARATHON OBSERVATION LOG

8.084

M21

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M21**
 R.A.: **18h 04m 13s** Dec: **-22° 29' 24"** Const: **Sgr**
 Type: **OCL** Magnitude: **7** Size: **13**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

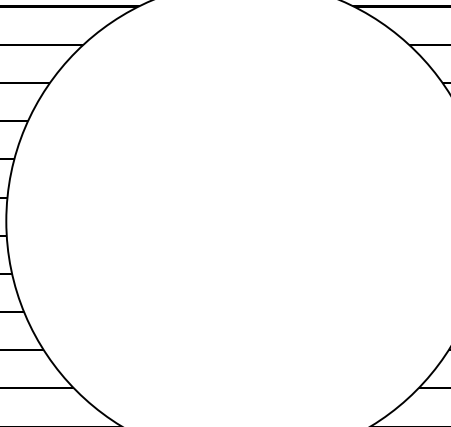
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 8 (3:00 to 4:00 AM)
 NGC6531

**MESSIER MARATHON
OBSERVATION LOG
8.086**

M16

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M16**
 R.A.: **18h 18m 48s** Dec: **-13° 48' 24"** Const: **Ser**
 Type: **OCL + DNE** Magnitude: **6.5** Size: **35**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

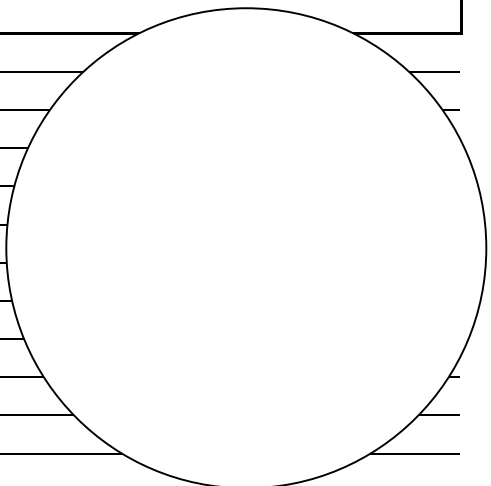
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS



Indicate NORTH with arrow

NOTES

Hour 8 (3:00 to 4:00 AM)
 NGC6611; Eagle Nebula

MESSIER MARATHON OBSERVATION LOG

M18

8.087

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M18**
 R.A.: **18h 19m 58s** Dec: **-17° 06' 07"** Const: **Sgr**
 Type: **OCL** Magnitude: **8** Size: **9**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

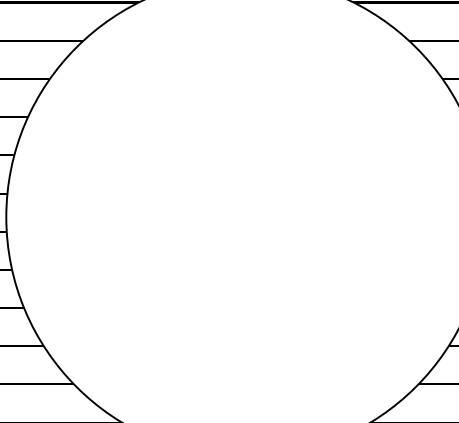
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 8 (3:00 to 4:00 AM)
 NGC6613; Black Swan

MESSIER MARATHON OBSERVATION LOG

M17

9.088

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M17**
 R.A.: **18h 20m 47s** Dec: **-16° 10' 18"** Const: **Sgr**
 Type: **OCL + DNE** Magnitude: **7** Size: **46**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

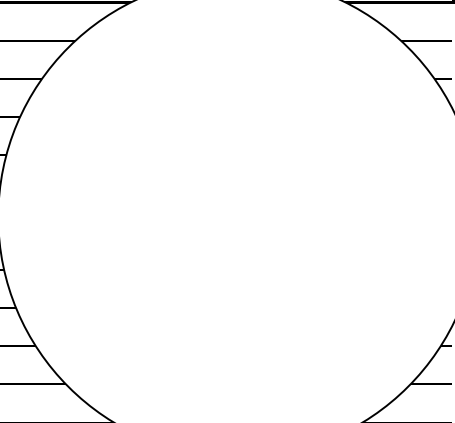
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 9 (4:00 to 5:00 AM)
 NGC6618; Omega Nebula

MESSIER MARATHON OBSERVATION LOG

M28

9.089

The Messier objects ordered for a Marathon night

Observer:

Date:

Time:

OBJECT

Name: **M28**

R.A.: **18h 24m 33s**

Dec: **-24° 52' 07"**

Const: **Sgr**

Type: **GCL**

Magnitude: **8.5**

Size: **11.2**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

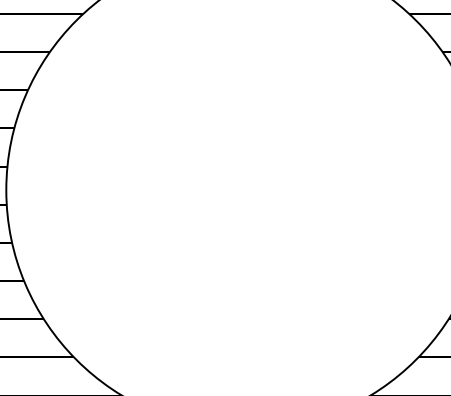
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 9 (4:00 to 5:00 AM)

NGC6626

MESSIER MARATHON OBSERVATION LOG

M25

9.091

The Messier objects ordered for a Marathon night

Observer:

Date:

Time:

OBJECT

Name: **M25**

R.A.: **18h 31m 42s**

Dec: **-19° 07' 00"**

Const: **Sgr**

Type: **OCL**

Magnitude: **6.5**

Size: **40**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/l

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

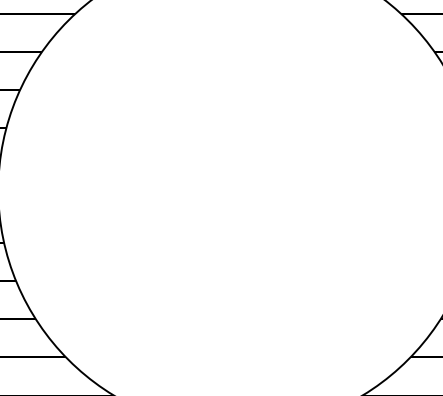
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 9 (4:00 to 5:00 AM)

IC4725

MESSIER MARATHON OBSERVATION LOG 9.092

M22

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M22**
 R.A.: **18h 36m 24s** Dec: **-23° 54' 17"** Const: **Sgr**
 Type: **GCL** Magnitude: **6.5** Size: **24**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

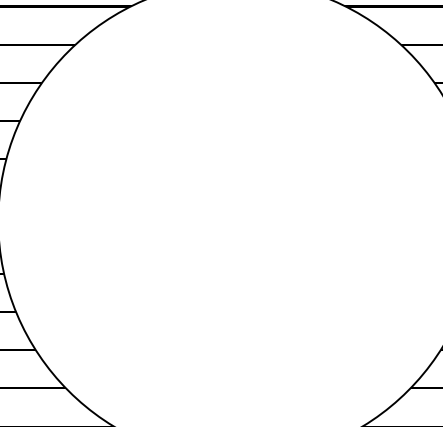
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 9 (4:00 to 5:00 AM)
 NGC6656; Sagittarius Cluster

MESSIER MARATHON OBSERVATION LOG

M70

9.093

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M70**
 R.A.: **18h 43m 12s** Dec: **-32° 17' 27"** Const: **Sgr**
 Type: **GCL** Magnitude: **9** Size: **7.8**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

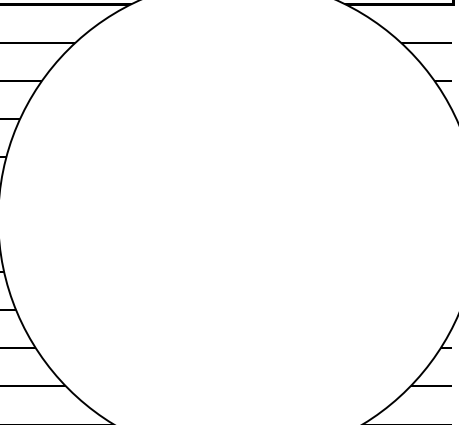
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 9 (4:00 to 5:00 AM)
 NGC6681

MESSIER MARATHON OBSERVATION LOG

M26

9.094

The Messier objects ordered for a Marathon night

Observer:

Date:

Time:

OBJECT

Name: **M26**

R.A.: **18h 45m 18s**

Dec: **-09° 22' 60"**

Const: **Sct**

Type: **OCL**

Magnitude: **9.5**

Size: **15**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

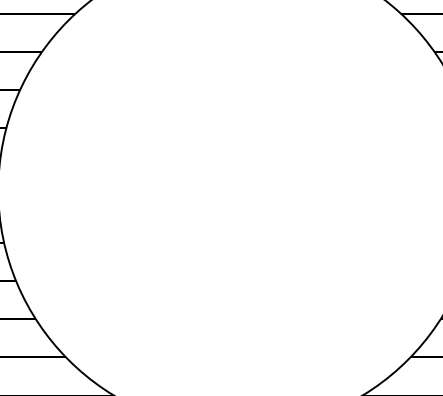
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 9 (4:00 to 5:00 AM)

NGC6694

MESSIER MARATHON OBSERVATION LOG

M11

9.095

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M11**
 R.A.: **18h 51m 05s** Dec: **-06° 16' 12"** Const: **Sct**
 Type: **OCL** Magnitude: **7** Size: **14**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

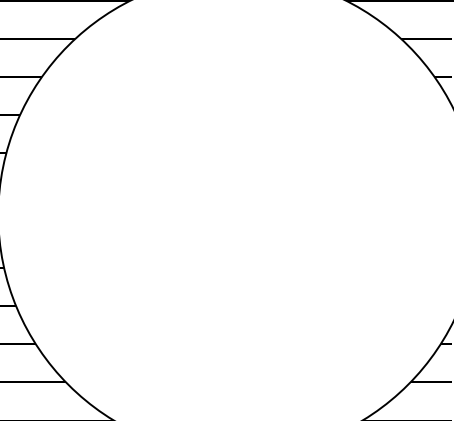
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 9 (4:00 to 5:00 AM)
 NGC6705; Wild Duck Cluster

MESSIER MARATHON OBSERVATION LOG

M57

9.096

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M57**
 R.A.: **18h 53m 35s** Dec: **33° 01' 44"** Const: **Lyr**
 Type: **PNE** Magnitude: **9.5** Size: **2.5**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

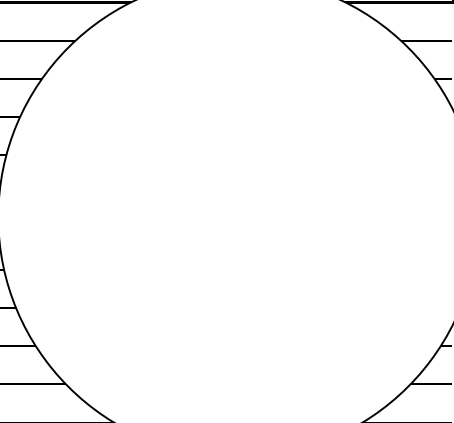
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 9 (4:00 to 5:00 AM)
 NGC6720; Ring Nebula

MESSIER MARATHON OBSERVATION LOG

M54

9.097

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M54**
 R.A.: **18h 55m 03s** Dec: **-30° 28' 47"** Const: **Sgr**
 Type: **GCL** Magnitude: **8.5** Size: **9.1**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

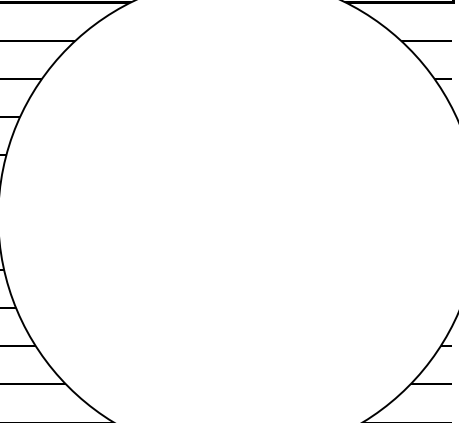
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 9 (4:00 to 5:00 AM)
 NGC6715

MESSIER MARATHON OBSERVATION LOG 10.099

M55

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M55**
 R.A.: **19h 39m 60s** Dec: **-30° 57' 44"** Const: **Sgr**
 Type: **GCL** Magnitude: **7** Size: **19**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

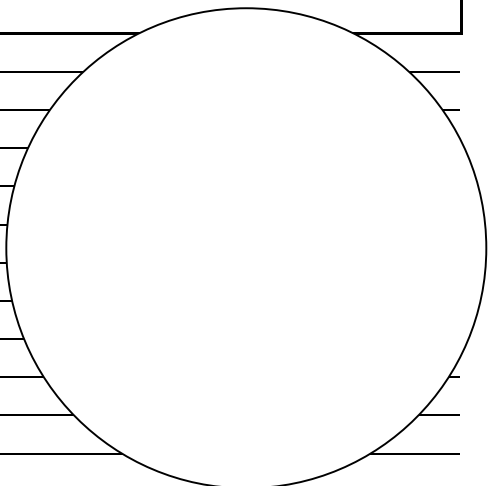
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS



Indicate NORTH with arrow

NOTES

Hour 10 (5:00 AM to Dawn)
 NGC6809

MESSIER MARATHON OBSERVATION LOG 10.100

M71

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M71**
 R.A.: **19h 53m 46s** Dec: **18° 46' 42"** Const: **Sge**
 Type: **GCL** Magnitude: **8.5** Size: **7.2**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

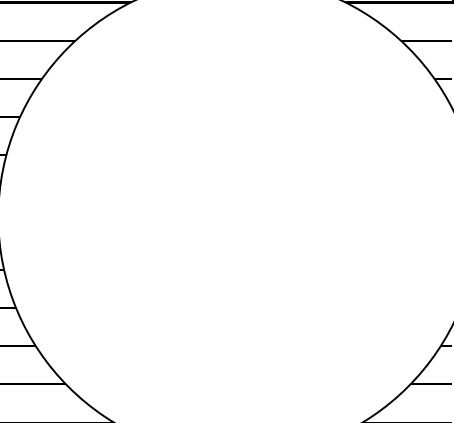
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 10 (5:00 AM to Dawn)
 NGC6838

MESSIER MARATHON OBSERVATION LOG 10.101

M27

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M27**
 R.A.: **19h 59m 36s** Dec: **22° 43' 15"** Const: **Vul**
 Type: **PNE** Magnitude: **7.5** Size: **15.2**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

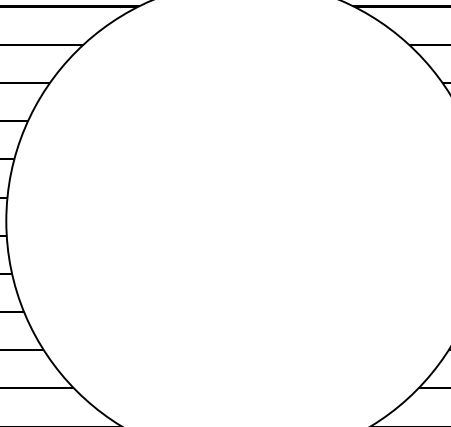
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 10 (5:00 AM to Dawn)
 NGC6853; Dumbbell Nebula

MESSIER MARATHON OBSERVATION LOG 10.102

M75

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M75**
 R.A.: **20h 06m 05s** Dec: **-21° 55' 19"** Const: **Sgr**
 Type: **GCL** Magnitude: **9.5** Size: **6**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

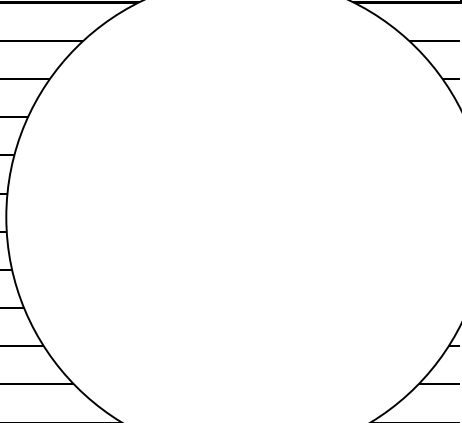
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 10 (5:00 AM to Dawn)
 NGC6864

**MESSIER MARATHON
OBSERVATION LOG
10.103**

M29

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M29**
 R.A.: **20h 23m 57s** Dec: **38° 30' 30"** Const: **Cyg**
 Type: **OCL** Magnitude: **9** Size: **7**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

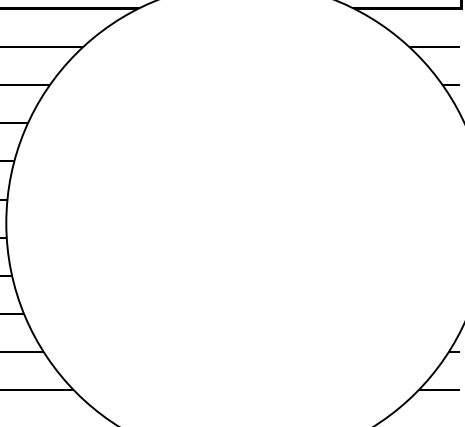
TELESCOPE

OTA: _____ FL: _____ f/ _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 10 (5:00 AM to Dawn)
 NGC6913; Cooling Tower

MESSIER MARATHON OBSERVATION LOG 10.104

M72

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M72**
 R.A.: **20h 53m 28s** Dec: **-12° 32' 14"** Const: **Aqr**
 Type: **GCL** Magnitude: **10** Size: **5.9**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

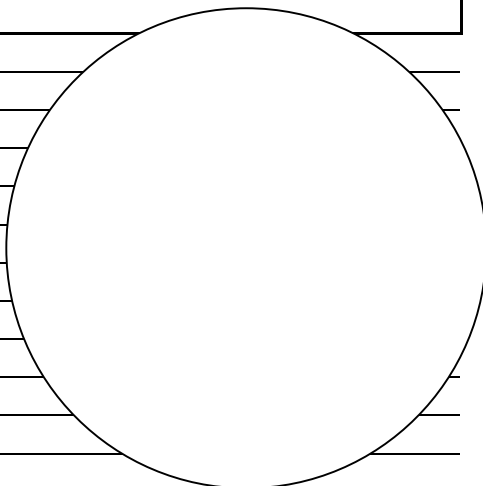
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS



Indicate NORTH with arrow

NOTES

Hour 10 (5:00 AM to Dawn)
 NGC6981

MESSIER MARATHON OBSERVATION LOG 10.105

M73

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M73**
 R.A.: **20h 58m 56s** Dec: **-12° 38' 07"** Const: **Aqr**
 Type: **OCL + AST** Magnitude: **9** Size: **3**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

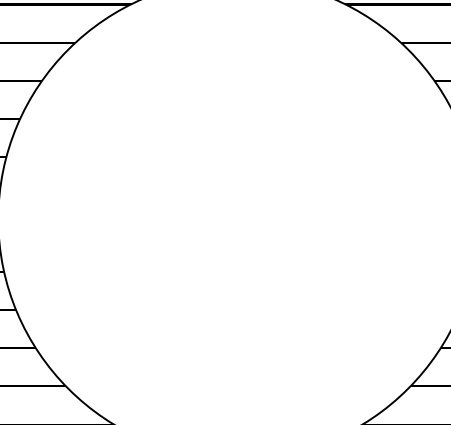
TELESCOPE

OTA: _____ FL: _____ *f/l* _____ Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 10 (5:00 AM to Dawn)
 NGC6994

MESSIER MARATHON OBSERVATION LOG 10.107

M39

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M39**
 R.A.: **21h 31m 42s** Dec: **48° 25' 00"** Const: **Cyg**
 Type: **OCL** Magnitude: **5.5** Size: **32**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

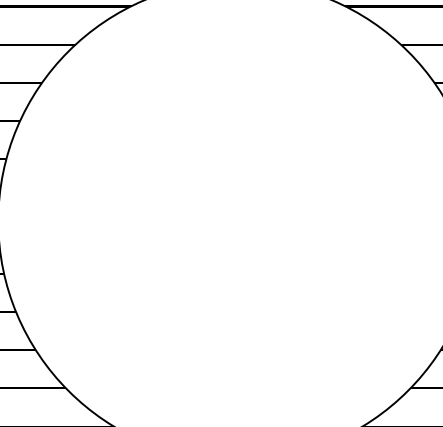
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 10 (5:00 AM to Dawn)
 NGC7092
 Cl, vL, vP, vIC, st 7...10

MESSIER MARATHON OBSERVATION LOG 10.108

M2

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M2**
 R.A.: **21h 33m 27s** Dec: **00° 49' 23"** Const: **Aqr**
 Type: **GCL** Magnitude: **7.5** Size: **12.9**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

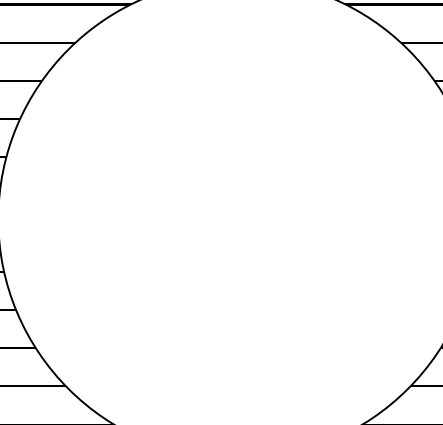
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 10 (5:00 AM to Dawn)
 NGC7089
 !!, glob. cl. , B, vL, gpmbM, rrr, st eS

MESSIER MARATHON OBSERVATION LOG 10.109

M30

The Messier objects ordered for a Marathon night

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M30**
 R.A.: **21h 40m 22s** Dec: **-23° 10' 45"** Const: **Cap**
 Type: **GCL** Magnitude: **8.5** Size: **11**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

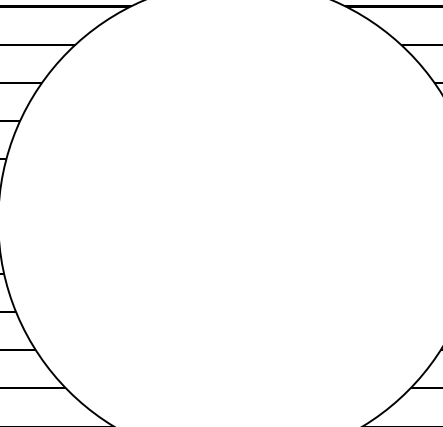
TELESCOPE

OTA: _____ FL: _____ *f/l* Type: _____ Mount: _____
 Slew Control: _____ Navigation Aid: _____

IMAGER

Eyepiece: _____ FOV: _____ Type: _____ Barlow: _____ Net Mag: _____
 Camera: _____ Type: _____ ASA: _____ Guider: _____
 Exp time: _____ Exp count: _____ Dark frame: _____ Bias frame: _____ Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Hour 10 (5:00 AM to Dawn)
 NGC7099
 !, glob. cl. , B, L, IE, gpmbM, st 12...16

